

SECTION 34. DEMAND HISTORY MONTHLY UPDATE PROCESS

34.1 General. The Demand History Monthly Update Process maintains a two-year demand history database on the Demand History File.

34.2 Interfaces. This process interfaces with the following files and tables.

a. Demand History File. The Demand History Monthly Update Process updates records, deletes inactive records, and collects data for the Quarterly Stratification Report (QSR) Process.

b. Catalog Master File (CMF). This process determines if deletion of records from the CMF is appropriate when there are no Demand History File or Availability Balance File (ABF) records for the NIIN.

c. QSR Demand Rates File. The demand rates from the Demand History Monthly Update Process update this file for use in the QSR Process.

d. SARSS2B Unit Unique Table. This table is updated with the month control date after this process runs.

e. Command ASL Table. This table is used to determine if a NIIN is used within the corps.

34.3 Process Overview. The Demand History Table maintains demand history for one year by RIC Storage Site, NIIN, and End Item Code. This process and the Demand History Daily process work together to add and delete demand data on the Demand History File. The daily process adds demand data while the monthly process deletes demand data.

34.4 Input. The input for this process is the Demand History Table, SARSS2B Unit Unique Table, SARSS Control Table, Catalog Master File, and the Command ASL Tables.

34.5 Type Processing. The Demand History Monthly Update Process is a batch process that operates when scheduled by the SARSS Master Control System (SMCS). Once initiated, it operates to completion without operator intervention. The inputs and outputs are controlled by the SARSS2B CTASC system.

34.6 Edits. This process has no edits.

34.7 Processing. The following events occur during processing:

a. Summary demand and repair data is averaged and weighted toward the most recent demands and repair data. The demand and repair data is mathematically decremented by 8% based on a 24-month control period.

b. Demand records that are inactive for two years are deleted from the Demand History Table. When a record is deleted, a catalog module is called to determine if the NIIN is still active in the corps. When there is no record for the NIIN, the user status is changed to D, delete.

c. At the conclusion of this process, the Demand History Table, SARSS2B Unit Unique Table, SARSS Control Table, Demand Rates Table, and CMF are updated.

34.8 Output. This process has no output.

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